

Tagetes, Thyme, Wintergreen and Canola Oils
PC Codes: 176602, 597800, 176601, 011332
Type of Review: risk assessment

DP Number: 446093
EPA File Symbol Number: 85937-G



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

MEMORANDUM

DATE: March 18, 2019

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

SUBJECT: Risk Assessment for Bug Oil-O, Containing 93.899% Canola Oil, 0.6% Tagetes Oil, 0.6% Thyme Oil and 0.001% Wintergreen Oil as its Active Ingredients.

Decision Number:	537936
DP Number:	446093
Submission Number:	1014475
EPA File Symbol Number:	85937-G
Active Ingredient Type:	Biochemical
PC Code:	011332, 176602, 597800, 176601
CAS Number:	120962-03-0, 8016-84-0, 8007-46-3, 68917-75-9
Active Ingredient Tolerance/Exemption:	40 CFR 180.950(c)
MRID Numbers:	N/A
PRIA Code:	B672

FROM: Angela L. Gonzales, Biologist
Risk Assessment Branch
Biopesticides & Pollution Prevention Division (7511P)

ANGELA GONZALES
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Date: 2019.03.19 08:53:37 -04'00'

THROUGH: Cathy Eiden, Senior Scientist
Risk Assessment Branch
Biopesticides & Pollution Prevention Division (7511P)

CATHERINE EIDEN
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Date: 2019.03.18 09:33:19 -04'00'

TO: Cheryl Greene, Regulatory Action Leader
Biochemical Pesticides Branch
Biopesticides & Pollution Prevention Division (7511P)

ACTION REQUESTED

On behalf of P.I. Bioscience Limited, Technology Sciences Group Inc. requests registration of Bug Oil-O, an end-use product (EP) for agricultural and residential use as an insecticide and acaricide on all food crops. In support of the product, the applicant submitted a Confidential Statement of Formula, a product label and data citations in the data matrix. No new data were submitted.

BACKGROUND

1. Biopesticide Use Pattern

Bug Oil-O is proposed for agricultural and residential use as an insecticide and acaricide on all food crops. Organic certification through the Organic Materials Review Institute (OMRI) has been requested. The product is applied as a spray at a maximum rate of 5.2 gallons EP per acre and applications can be made at 5 to 7 day intervals.

2. Product Chemistry, Human Health and Nontarget Organism Assessment

Refer to the Confidential Appendix (CA).

RECOMMENDATIONS AND CONCLUSIONS

1. All data requirements have been satisfied at this time and there are no risk concerns that have been identified.

CONFIDENTIAL APPENDIX

2. Product Chemistry, Human Health and Nontarget Organism Assessment

cc: A. L. Gonzales, C. Eiden, C. Greene, BPPD Science Review File, Documentum
A. L. Gonzales, Biologist, FT, PY-S: 03-15-19

Inert ingredient information may be entitled to confidential treatment